



P.B.5818 - Patentlaan 2  
2280 HV Rijswijk (ZH)  
T +31 70 340 2040  
TX 31651 epo nl  
FAX +31 70 340 3016

Europäisches  
Patentamt

Zweigstelle  
in Den Haag  
Recherchen-  
abteilung

European  
Patent Office

Branch at  
The Hague  
Search  
division

Office européen  
des brevets

Département à  
La Haye  
Division de la  
recherche

Sarup, David Alexander  
Lucent Technologies UK Limited,  
5 Mornington Road  
Woodford Green,  
Essex IG8 0TU  
GRANDE BRETAGNE

IP DEPT.
23 JAN 2003
C.S.T.S.
C.M.R.W.
D.A.S.
DIARY
RECEIVED
23 JAN 2003
COMM

"THIS COPY FOR LUCENT"

Margaret Walton

Datum/Date

23.01.03

Zeichen/Ref./Réf.

Q.CAO 44-21-24-

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

02257151.7-2416-

Anmelder/Applicant/Demandeur/Patentinhaber/Propriétaire/Titulaire  
LUCENT TECHNOLOGIES INC.

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

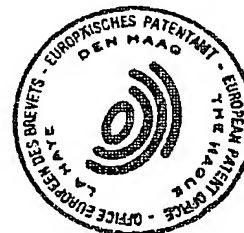
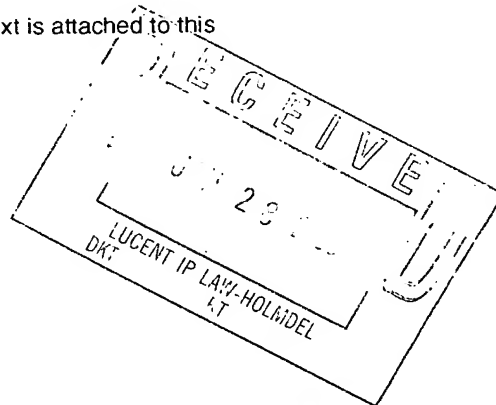
☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

1



## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	US 6 192 246 B1 (SATARASINGHE PRASANNA JAYARAJ) 20 February 2001 (2001-02-20) * abstract * * column 2, line 25-46 * * column 2, line 65 - column 3, line 3 * * column 3, line 38-41 * * column 4, line 9-38 * * column 4, line 49 - column 5, line 37; figures 1-3 *	1-10	H04Q7/38
Y	WO 02 49381 A (HOLMA MAUNU ;METSÄELÄ ESA (FI); ISOKANGAS JARI (FI); NOKIA CORP ()) 20 June 2002 (2002-06-20) * abstract * * page 11, line 33 - page 12, line 19; figure 2 *	1-10	
A	US 2002/119780 A1 (ROUX PIERRE ET AL) 29 August 2002 (2002-08-29) * abstract * * page 3, left-hand column, line 22 - page 4, left-hand column, line 21; figures 1,2 *	1-10	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H04Q H04B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 15 January 2003	Examiner Fantacone, V
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 25 7151

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

15-01-2003

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
US 6192246	B1	20-02-2001	US	5974318 A		26-10-1999
			AU	8457498 A		08-02-1999
			EP	0995296 A2		26-04-2000
			WO	9903245 A2		21-01-1999
			US	6112089 A		29-08-2000
WO 0249381	A	20-06-2002	WO	0249381 A1		20-06-2002
			AU	1863101 A		24-06-2002
US 2002119780	A1	29-08-2002	FR	2821517 A1		30-08-2002